

TECHNISONIC COMMUNICATIONS

YOU DESIGN IT. WE BUILD IT.

THE NEW P25 COMPLIANT TDFM 9100



TDFM-9100 with MCP

**Multi-Band P25 / Multi-Device
Airborne Communications Systems**

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The TDFM-9100 is the next evolution of the highly successful TDFM-6000 series.

Newly designed and featuring the all new MCP technology, the TDFM-9100 has been specifically designed to meet the growing capabilities demanded by airborne law enforcement, EMS and federal operators alike. The 9100 with MCP features a capabilities list far more impressive than its size would convey. Capable of supporting not only two modules capable of operating in either one, two or three public service bands (VHF-UHF-800Mhz) with full P25 interoperability in both Phase I and Phase II systems, the 9100 also boasts the all-new MCP technology, allowing for the integration of up to two additional communications devices via built-in integration technologies that allow for both simple (handheld) audio/mic support or far more integrated feature control such as satellite calling or Push to Talk technologies.

Key Features

- MCP is standard on all models, allowing for direct connection and in some cases full integration into the radio. MCP supports two external communication devices that when connected integrate fully into the audio/mic/and ptt pathways as well as advanced features capabilities. MCP is supported through the use of either individual or combined audio installations
- Each radio can be individually configured to support one or two P25 capable modules.
- FM Modules can be configured to support single, dual or all-band operation
- Modules support Conventional Analog, Conventional P25 and optional Phase I and Phase II Trunking
- Operation from multiple locations in aircraft (RC9100)
- Displays all active channels simultaneously
- Cross Band Repeat, Relay and Simulcast
- Programming via Motorola CPS software program
- Encryption with OTAR and or Multi-Key (optional)
- Supports SmartNet, SMARTZONE and P25 Trunking (optional)
- P25 capable Bandwidths VHF, UHF and 700/800 MHz Bands
- Front Panel Connector for Module Programming via USB Encryption
- Key loading
- Optional Encryption Protocols AES, DES, DES-XL, DES-OFB. ADP
- Each module supports 3000 channels/200 zones and can be programmed to operate in either a digital or analog mode on a channel by channel basis
- Each module supports scan across its entire frequency spectrum even if all-band configured
- Built-in audio switching allows RF modules to operate in either a single or combined transceiver configuration



The TDFM-9100 is designed to meet the demands of Airborne Law Enforcement and EMS operators.

MORE CAPABLE. LESS COST.

New Customer Inquiries

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